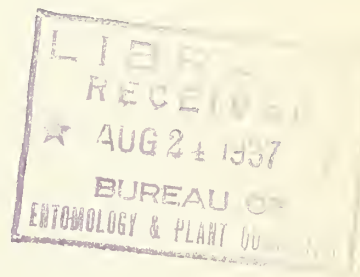


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SPREAD OF ALFALFA WEEVIL IN 1937

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Because of its conflict with other seasonal activities, scouting for the alfalfa weevil during 1937 was again necessarily limited largely to areas that could be visited incidentally in connection with other research work. The scope of this season's scouting is shown in table 1, which shows discovery of previously unreported infestations in five counties, namely, Campbell, Johnson, Sheridan, and Weston, in northeastern Wyoming, and Custer County, in southwestern South Dakota. Details of this scouting are included in table 2. A limited amount of sweeping was also performed in counties heretofore found to be infested, with the results shown in table 3.

Table 1.--Summary of scouting for alfalfa weevil, 1937

State	Counties	
	Scouted	Where weevil was found
	Number	Number
Colorado-----	14	0
Nebraska-----	3	0
New Mexico-----	5	0
Oregon-----	1	0
South Dakota---	5	1/1
Washington----	3	0
Wyoming-----	7	2/4

1/ Custer.

2/ Campbell, Johnson, Sheridan, and Weston.

Table 2.--Detailed results of alfalfa weevil scouting, 1937

State	County	Fields swept	Total sweeps	Weevil		Fields infested
				Larva	Adult	
		Number	Number	Number	Number	Number
Colorado <u>1/</u> ----	Adams	2	1,000	0	0	-
	Crowley	5	1,500	0	0	-
	Douglas	2	1,000	0	0	-
	El Paso	1	500	0	0	-
	Huerfano	3	1,500	0	0	-
	La Plata	13	6,500	0	0	-
	Las Animas	1	500	0	0	-
	Logan	3	1,500	0	0	-
	Morgan	5	2,500	0	0	-
	Otero	2	1,000	0	0	-
	Pueblo	5	2,500	0	0	-
	San Miguel	1	200	0	0	-
	Washington	1	500	0	0	-
	Weld	10	5,000	0	0	-
Nebraska-----	Banner	3	1,500	0	0	-
	Kimball	2	1,000	0	0	-
	Morrill	3	1,500	0	0	-
New Mexico-----	Colfax	1	500	0	0	-
	Rio Arriba	3	1,500	0	0	-
	San Juan	6	3,000	0	0	-
	Sante Fe	1	500	0	0	-
	Taos	2	1,000	0	0	-
Oregon-----	Umatilla	6	3,750	0	0	-
South Dakota---	Butte	1	500	0	0	-
	Custer	7	3,650	4	0	2
	Lawrence	6	3,000	0	0	-
	Meade	3	1,500	0	0	-
	Pennington	3	1,500	0	0	-
Washington----	Benton	10	5,150	0	0	-
	Walla Walla	7	5,300	0	0	-
	Yakima	17	9,000	0	0	-
Wyoming----- <u>2/</u>	Albany	1	500	0	0	-
	Campbell	3	1,200	7	0	1
	Crook	3	1,500	0	0	-
	Johnson	1	200	8	0	1
	Laramie	1	500	0	0	-
	Sheridan	6	2,400	3/ 8	0	3
	Weston	2	20	175	2	2

- 1/ J. H. Newton, deputy State entomologist of Colorado, scouted the following following counties with negative results: Adams, Alamosa, Arapahoe, Archuleta, Bent, Boulder, Chaffee, Clear Creek, Conejos, Crowley, Dolores, Douglas, El Paso, Fremont, Gilpin, Grand, Jackson, Jefferson, La Plata, Larimer, Logan, Mineral, Morgan, Otero, Park, Pitkin, Pueblo, Rio Grande, Saguache, Summit, Teller, and Weld.
- 2/ C. L. Corkins, State entomologist of Wyoming, reports that he and J. H. Newton swept 16 fields (6,400 sweeps) in Albany County with negative results.
- 3/ Estimated.

Table 3.--Sweeping alfalfa fields in counties previously reported infested by alfalfa weevil (1937)

State	County	Fields	Sweeps	Result
		Number	Number	
Colorado 1/-----	Montezuma	12	8,000	Weevil not found
	Ouray	1	15	Weevil found
Nebraska 2/-----	Box Butte	6	4,200	Weevil not found
	Dawes	3	1,150	Weevil found
Nevada-----	Clark	33	22,700	Weevil not found
South Dakota---	Fall River	6	2,075	Weevil found
Wyoming 3/-----	Goshen	2	200	Do.
	Niobrara	3	1,400	Weevil not found

- 1/ J. H. Newton, Colorado deputy State entomologist, reports having found the weevil in Eagle County and having failed to find it in Montezuma County.
- 2/ L. M. Gates, entomologist, Nebraska department of agriculture and inspection, reports that in Scotts Bluff County 24 fields were examined (2,800 sweeps) and 5 were found infested; 200 sweeps in 2 Sioux County fields revealed both fields infested; no weevils were found in 1,950 sweeps made in 6 fields in Box Butte County; and of 9 fields (2,100 sweeps) in Dawes County 1 field was found infested.
- 3/ C. L. Corkins, Wyoming State entomologist, reports that he and J. H. Newton failed to find the weevil in Carbon County in 7,600 sweeps made in 19 fields.

